

**NAVAL MEDICAL CENTER PORTSMOUTH  
LABORATORY MEDICINE SERVICES  
JAN 2005 - JUN 2005**

Table 1. Antibiogram based on the K/B disc method for Gram Negative Rods reported as % susceptible.

PATHOGEN	ENTEROBACTERIACEAE PANEL												
	n <sup>a</sup>	AML <sup>b</sup>	AMP	KZ	CTX	CTT	CXM	CIP	CN	F	TE	SXT	W
<i>Escherichia coli</i>	1303	90	66	94	99	100	99	97	97	98	91	88	88
<i>Proteus mirabilis</i>	120	98	95	96	98	100	100	97	98	8	13	93	90
	KES PANEL <sup>c</sup>												
	n	AMK	FEP	CTX	CAZ	CIP	CN	IPM	F	TAZ	TE	TOB	SXT
<i>P. aeruginosa</i>	112	71	76	51	93	79	57	76	15	89	22	79	17
<i>Pseudomonas spp.</i>	10	80	80	20	80	90	80	90	10	90	70	90	20
<i>Klebsiella spp.</i>	201	100	100	100	99	97	99	100	84	99	87	98	97
<i>Citrobacter spp.</i>	46	100	100	100	100	100	100	100	98	100	96	100	98
<i>Acinetobacter spp.</i>	16	94	63	19	81	69	88	100	6	100	81	94	81
<i>B. cepacia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>E. aerogenes</i>	66	98	98	98	98	100	97	100	82	98	97	100	100
<i>E. cloacae</i>	40	100	100	95	95	100	100	100	83	100	93	100	100
<i>S. maltophilia</i>	Isolate tested using E-test method below												

<sup>a</sup>Number of isolates tested.

<sup>b</sup>Numbers under each antibiotic columns indicate % susceptible

<sup>c</sup>*Klebsiella*, *Enterobacter* and other oxidase positive/negative gram negative rods.

Table 2. Antibiogram based on the K/B disc method for Gram Positive Cocci reported as % susceptible.

PATHOGEN	STAPHYLOCOCCUS PANEL												
	n	KZ	DA	CN	F	OX	P	RD	TE	SXT	W	VA	GAT
<i>S. aureus</i>	380	99	96	100	99	100	23	100	96	99	98	100	98
M.R.S.A*	445	0	93	99	99	0	0	98	96	99	98	100	83
<i>Staph. coag. neg.</i>	611	47	63	78	98	44	21	93	86	70	61	100	81

\*MRSA represents 53.9% of the total *S. aureus*

Table 3. Antibiogram based on Minimum Inhibitory Concentration (MIC) values reported as % susceptible.

PATHOGEN	ENTEROCOCCUS PANEL									
	n	AM	GMS	STS	SYN	LNZ	VA	AM= Ampicillin	VA = Vanc.	
<i>E. faecalis</i>	141	99	89	79	99	100	99	GMS= Gentamycin Syn		
<i>E. faecium</i>	20	50	90	60	50	95	100	STS = Streptomycin Syn		
	E-TEST METHOD									
	n	MX	TLc	TS	MX = Moxifloxacin					
<i>Steno. maltophilia</i>	23	100	17	91	TS = Septra					
					TLc = Timentin					
	n	TXL	LVX	E	PG	RI	VA	TXL: Ceftriaxone	E: Eryth	
<i>Strep. pneumoniae</i>	41	90	98	66	56	83	100	DA: Clindamycin	PG: Pen	
								RI: Rifampin	VA: Vanco	

Table 4. Group B *Streptococcus*

	n	E	DA
Group B Strep	1219	81	70

**ANTIBIOTIC LEGEND**

<b>AMK: Amikacin</b>	<b>AML: Augmentin</b>	<b>AMP: Ampicillin</b>	<b>ATM: Aztreonam</b>	<b>CAZ: Ceftazidime</b>	<b>CIP: Cipro</b>
<b>CN: Gentamicin</b>	<b>CTT: Cefotetan</b>	<b>CTX: Cefotaxime</b>	<b>CXM: Cefuroxime</b>	<b>DA: Clindamycin</b>	<b>E: Erythro</b>
<b>F: Nitrofurantoin</b>	<b>FEP: Cefepime</b>	<b>IPM: Imipenem</b>	<b>KZ: Cefazolin</b>	<b>LVX: Levofloxacin</b>	<b>OX: Oxac</b>
<b>P: Penicillin</b>	<b>RD: Rifampin</b>	<b>SXT: Septra</b>	<b>TAZ: Pip/Taz</b>	<b>TE: Tetracycline</b>	<b>TOB: Tobra</b>
<b>W: Trimeth</b>	<b>VA: Vancomycin</b>				

**Values use to interpret a sensitivy reaction**

<b>Antibiotic</b>	<b>MIC value</b>	<b>Interpretation</b>
Pneumococcus Pen-G	0.03 ug/ml - 0.06 ug/ml	Susceptible
	0.12 ug/ml - 1.0 ug/ml	Intermediate
	> 2 ug/ml	Resistant
Pneumococcus Vanc	< 1.0 ug/ml	Susceptible
	> 1.0 ug/ml	Resistant
Pneumococcus Ceftriaxone (non- meningitis isolates)	< 1.0 ug/ml	Susceptible
	2.0 ug/ml	Intermediate
	> 4.0 ug/ml	Resistant
Pneumococcus Ceftriaxone (meningitis isolates)	< 0.5 ug/ml	Susceptible
	1.0 ug/ml	Intermediate
	> 2.0 ug/ml	Resistant
Non-enterococcal Strep Pen-G	0.03 ug/ml - 0.12 ug/ml	Susceptible
	0.25 ug/ml - 2.0 ug/ml	Intermediate
	> 4 ug/ml	Resistant
Enterococcus Streptomycin Syn	< 2000 ug/ml	Susceptible
	> 2000 ug/ml	Resistant
Enterococcus Gentamicin Syn	< 500 ug/ml	Susceptible
	> 500 ug/ml	Resistant



